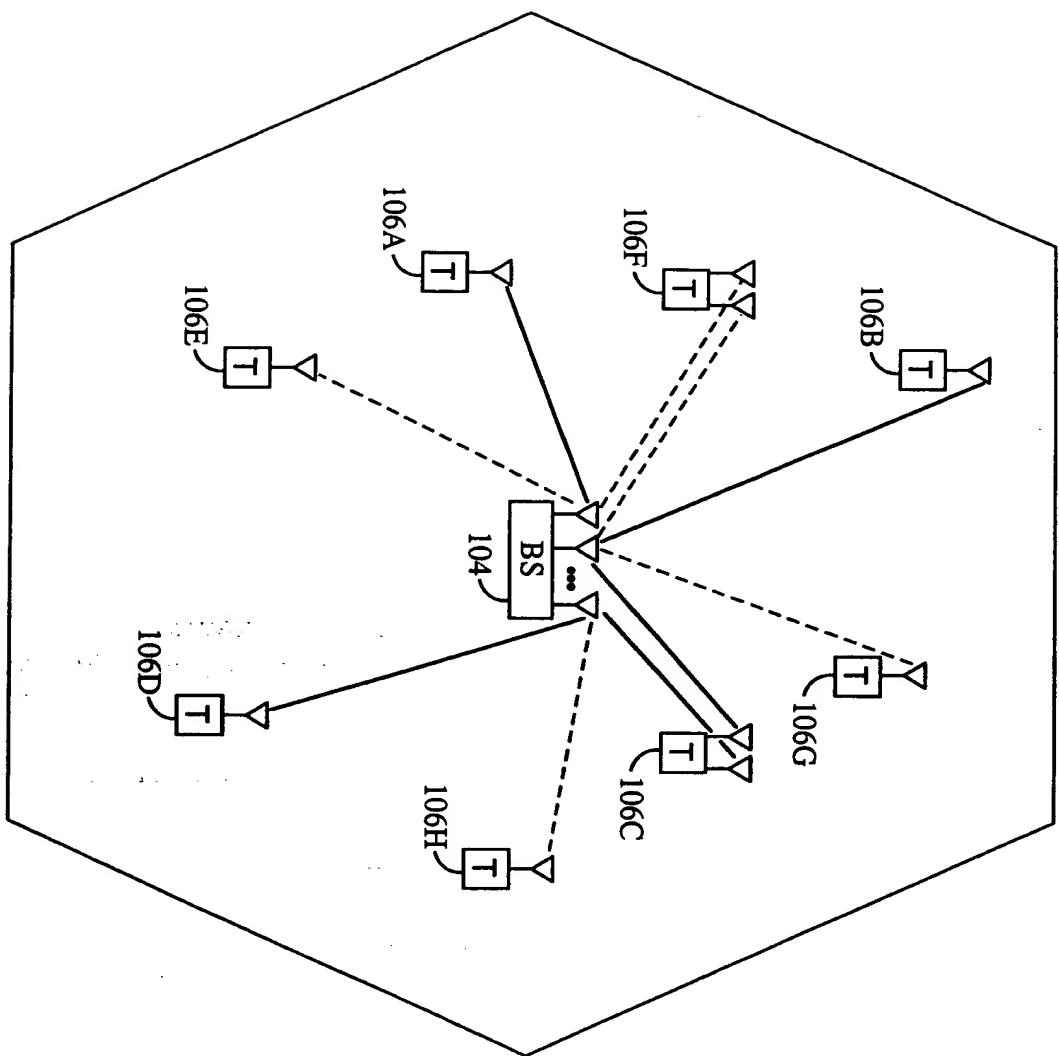


100

FIG. 1



240

START

250 DEFINE VECTOR OF SETPOINTS z_n AND VECTOR OF CORRESPONDING CODE RATES r_n

252 RANK ALL AVAILABLE TRANSMISSION CHANNELS BASED ON THEIR CHANNEL GAINS

254 DETERMINE SEQUENCE b_1 OF POSSIBLE NORMALIZATION FACTORS256 IDENTIFY A (NEW) CODE RATE, r_n , FOR EVALUATION258 SELECT LARGEST VALUE OF i SUCH THAT EACH OF i CHANNELS CAN ACHIEVE SETPOINT z_n REQUIRED FOR CODE RATE r_n 260 DETERMINE THRESHOLD a_n FOR SETPOINT z_n 262 DETERMINE MAXIMUM ACHIEVABLE THROUGPUT, T_n , FOR SETPOINT z_n 264 ALL CODE RATES EVALUATED ?
NO
YES266 DETERMINE OPTIMUM THROUGPUT, T_{opt} , AND OPTIMUM THRESHOLD, a_{opt}

END

FIG. 2B

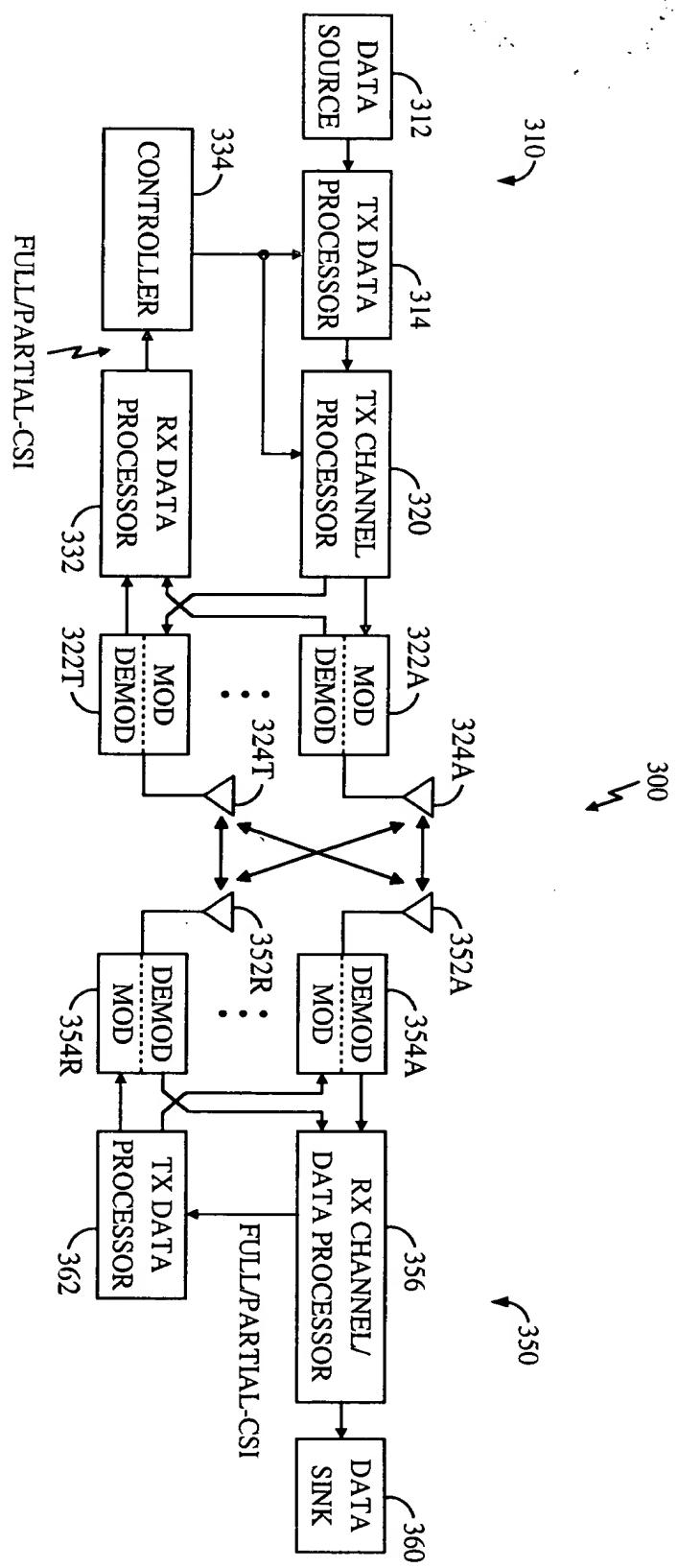


FIG. 3

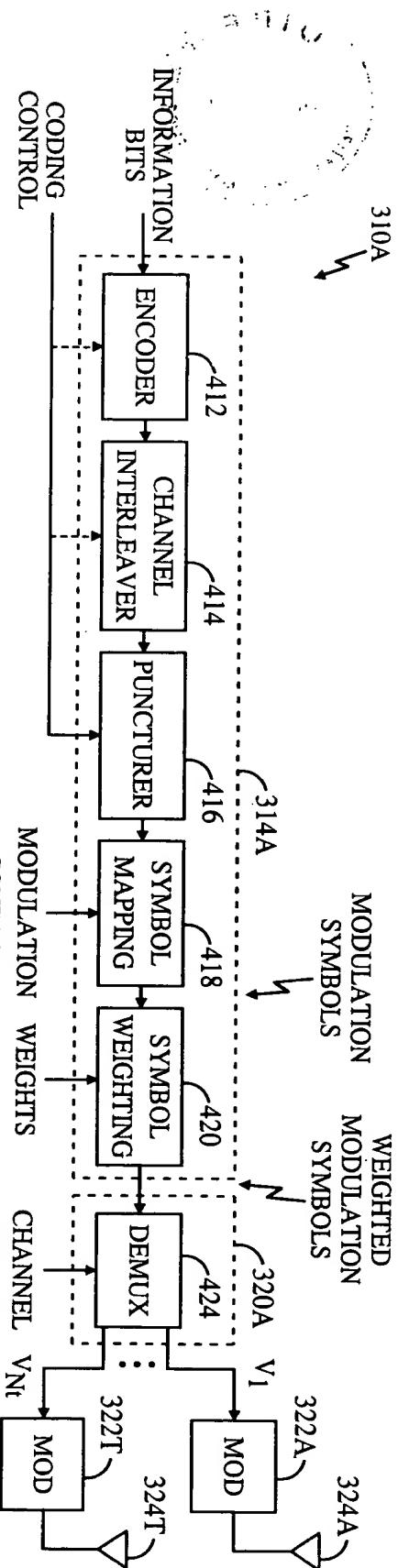


FIG. 4A

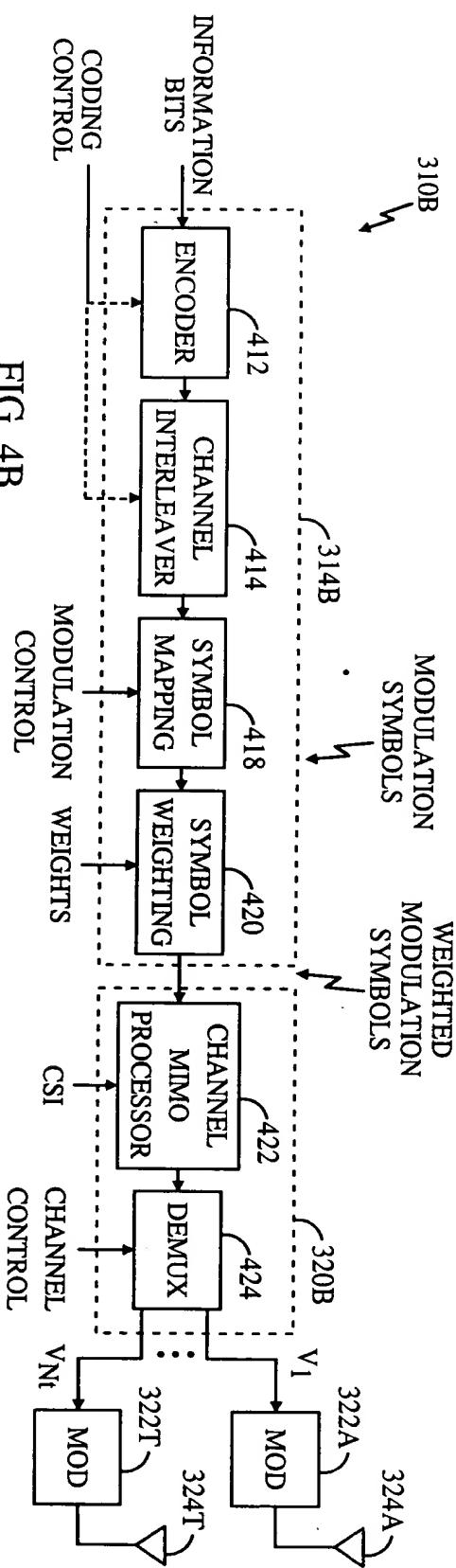


FIG. 4B

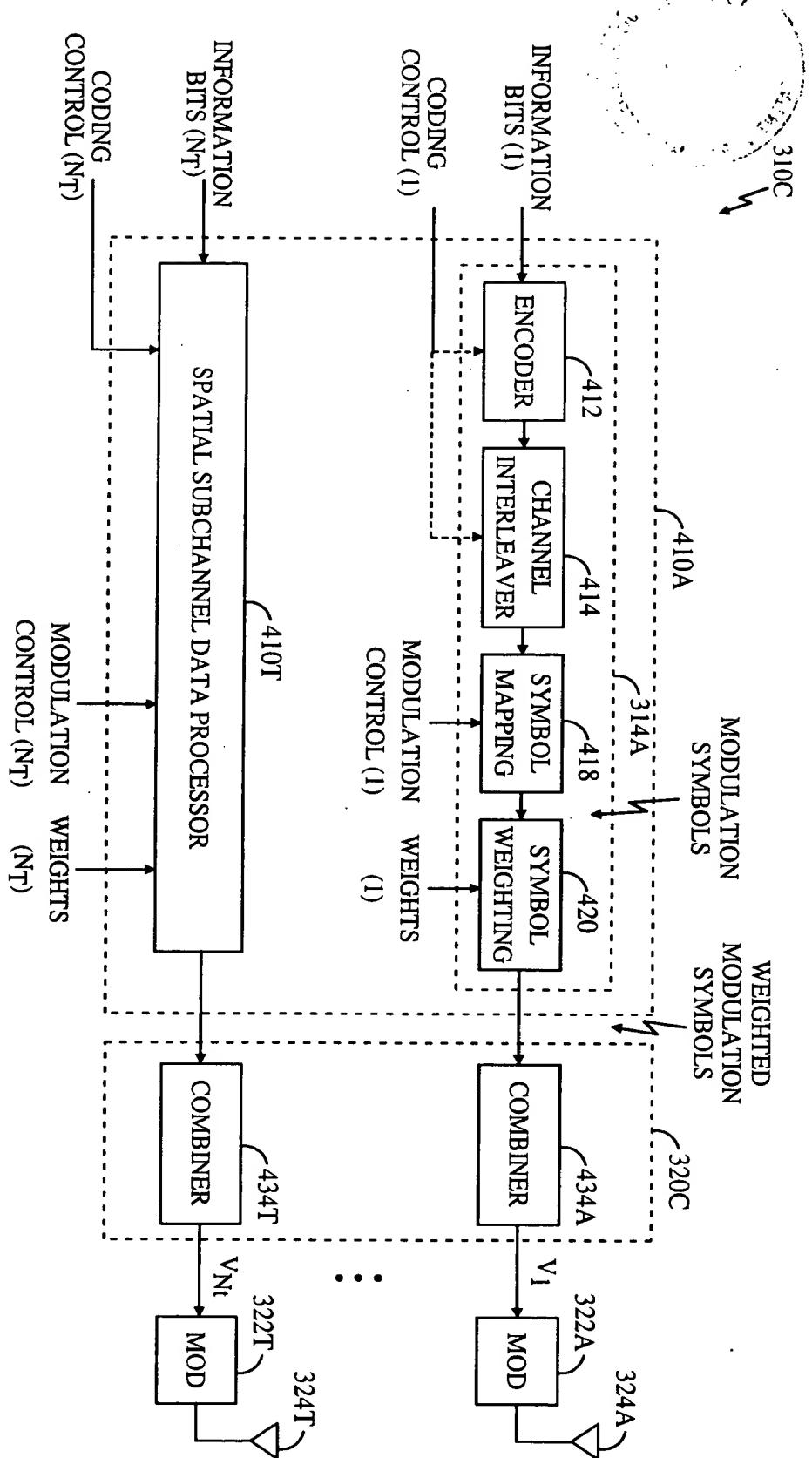


FIG. 4C

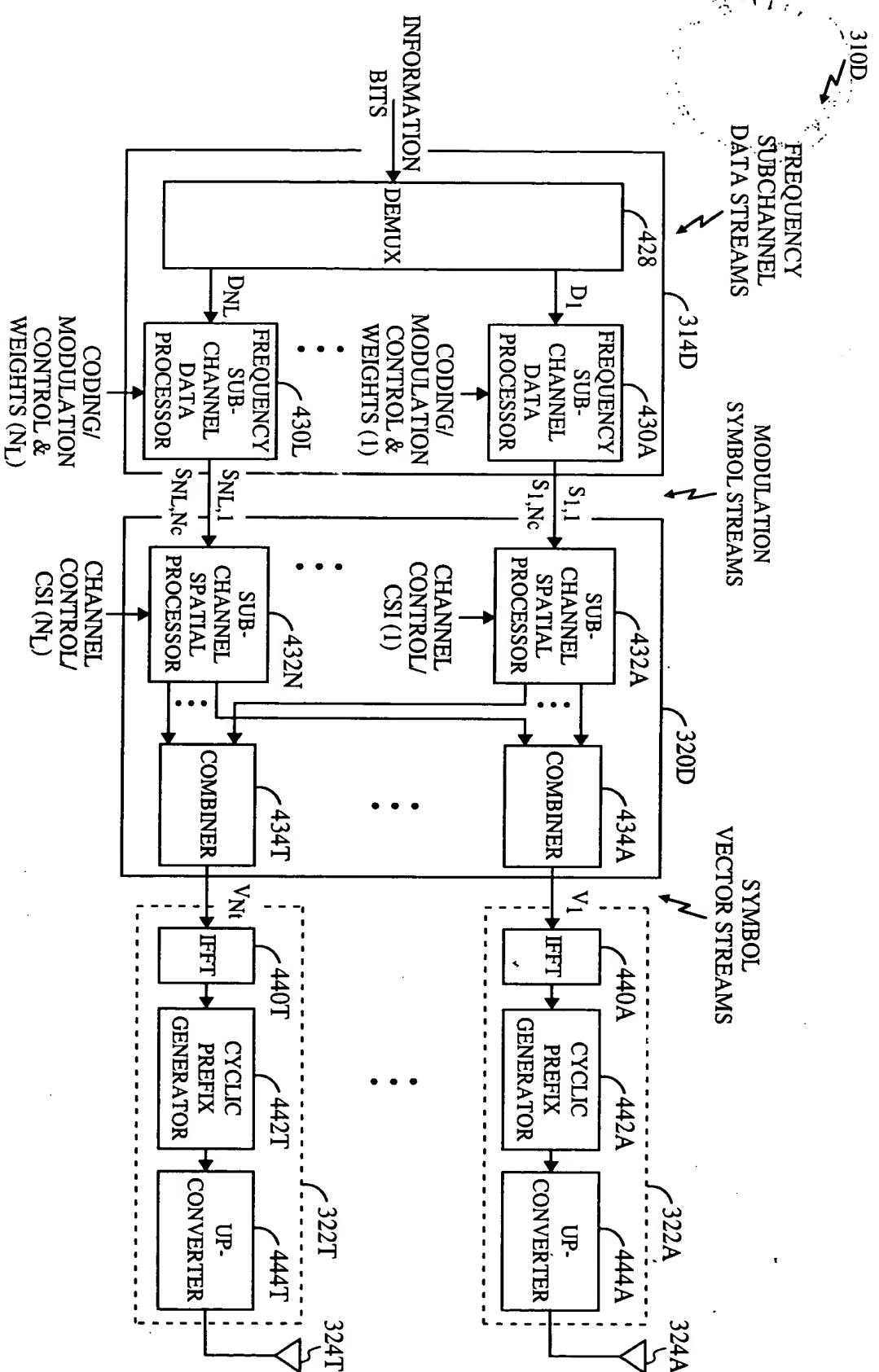
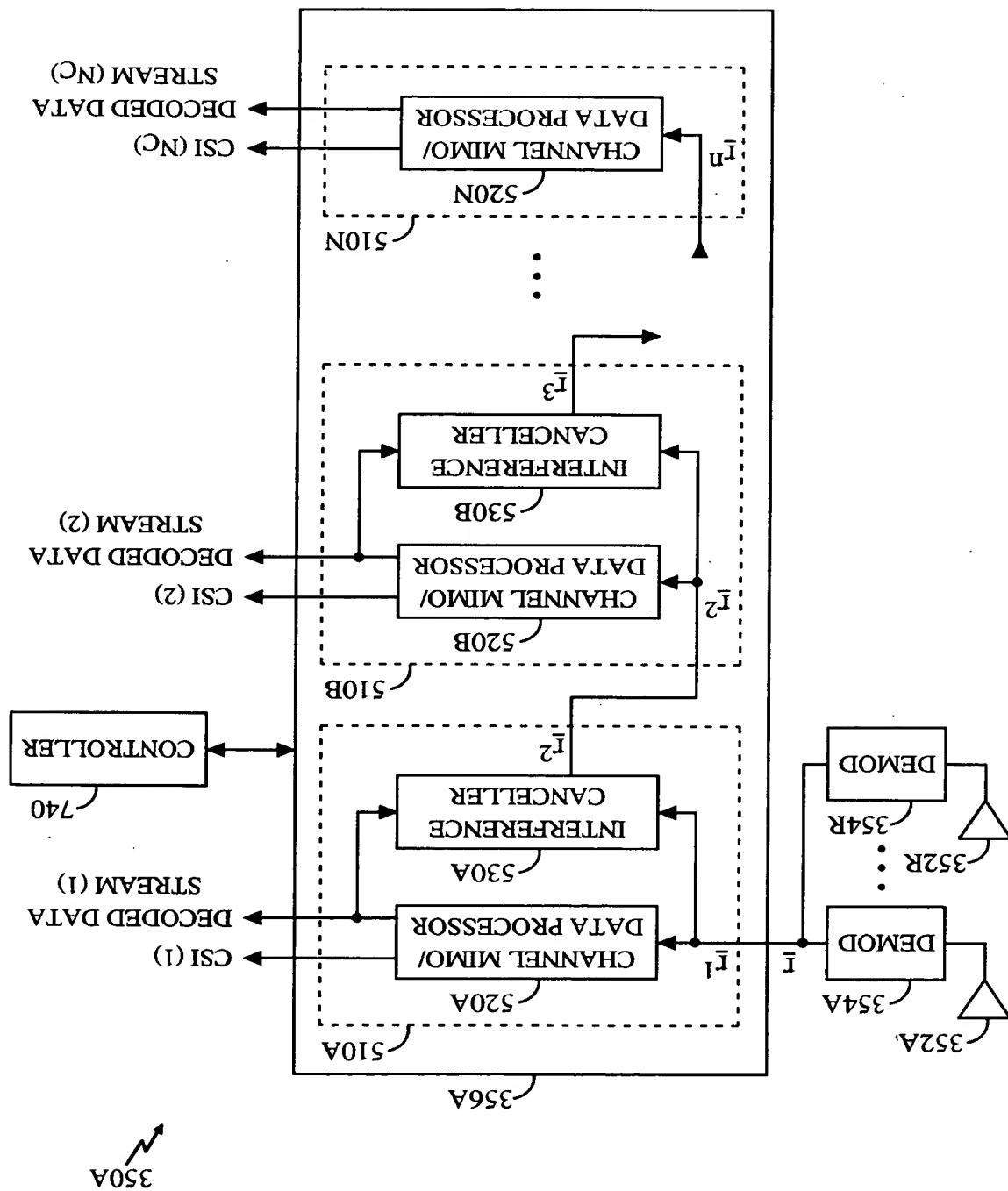


FIG. 4D

FIG. 5



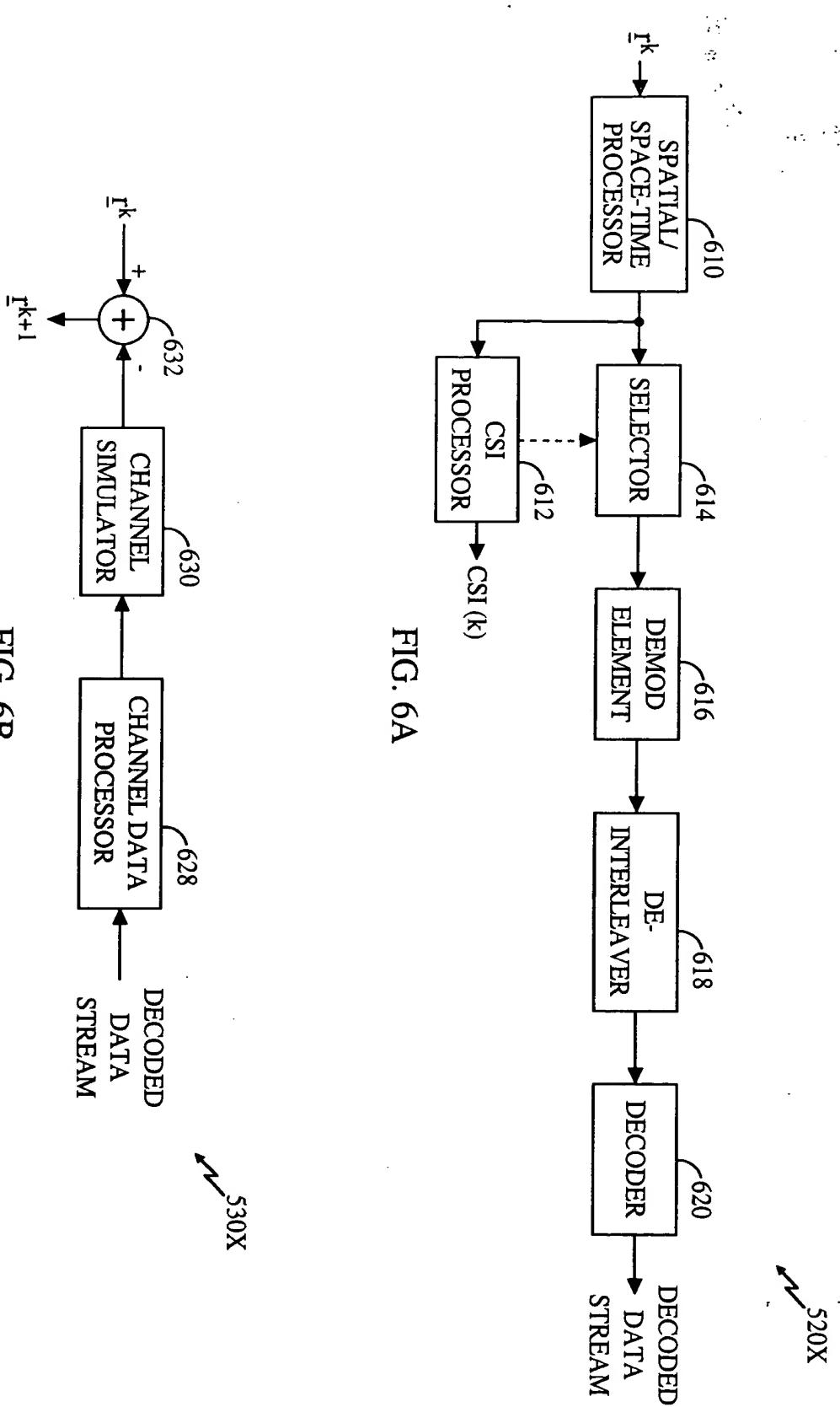


FIG. 6A

FIG. 6B

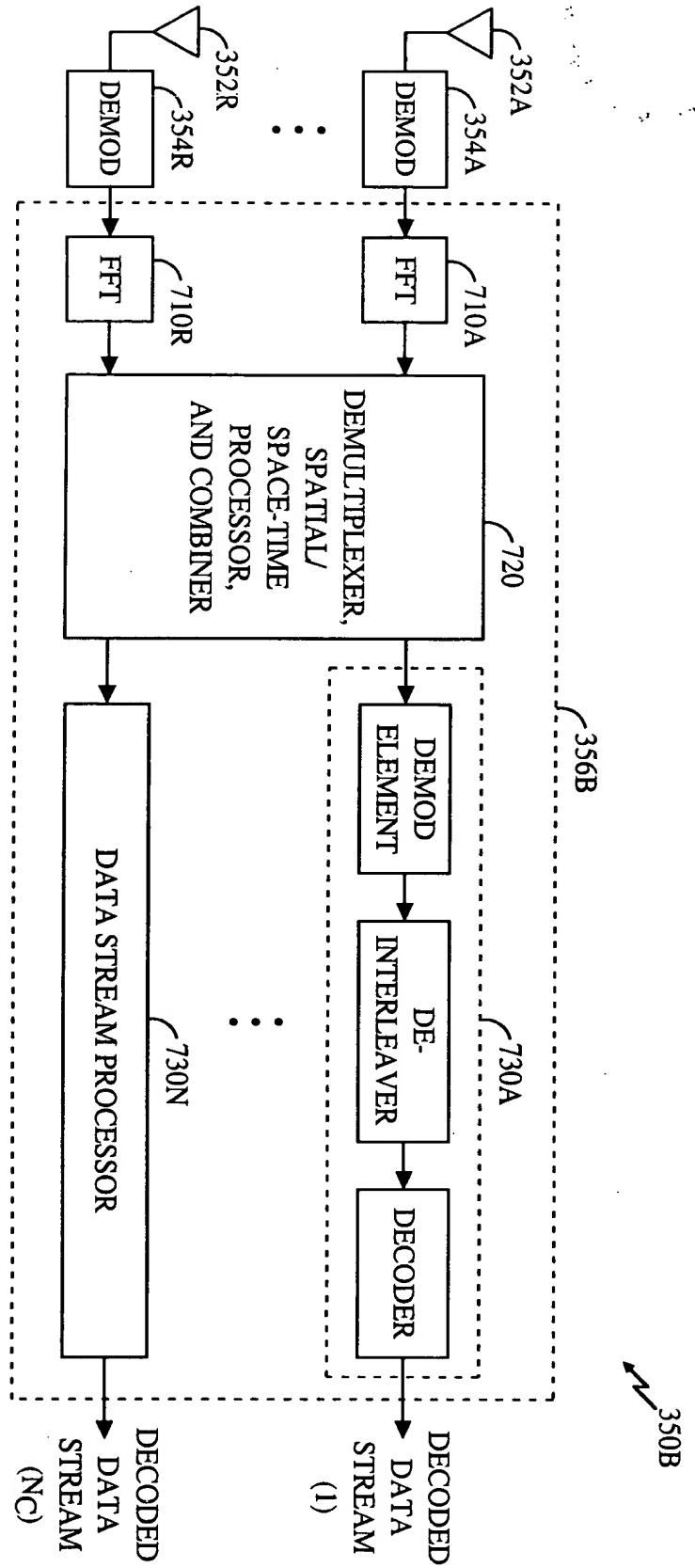


FIG. 7